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Form PTO-1449 Sheet 1 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1
Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

SUPPLEMENTAL INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patents

Examiner <u>Initial</u> *		Document <u>Number</u>	<u>Date</u>	<u>Name</u>
	1	287,046	10/23/1883	Norton
	2	1,088,393	02/24/1914	Backus
	3	1,331,401	02/17/1920	Summers
	4	2,087,074	07/13/1937	Tucker
	5	2,453,227	11/09/1948	James
	6	2,684,070	07/20/1954	Kelsey
	7	2,944,311	07/12/1960	Schneckenberger
	8	2,969,887	01/31/1961	Darmstadt et al.
	9	3,015,403	01/02/1962	Fuller
	10	3,142,878	08/04/1967	Santora
	11	3,482,428	12/09/1969	Kapitanov et al.
	12	3,944,114	03/16/1976	Coppens

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Form PTO-1449 Sheet 2 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1
Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

Examiner <u>Initial</u> *		Document <u>Number</u>	<u>Date</u>	<u>Name</u>
	13	4,014,492	03/29/1977	Rothfuss
	14	4,207,870	06/17/1980	Eldridge
	15	4,278,091	07/14/1981	Borzone
	16	4,318,401	03/09/1982	Zimmerman
	17	4,428,376	01/31/1984	Mericle
	18	4,505,273	03/19/1985	Braun et al.
	19	4,523,695	06/18/1985	Braun et al.
	20	4,525,157	06/25/1985	Valaincourt
	21	4,607,638	08/26/1986	Crainich
	22	4,610,251	09/09/1986	Kumar
	23	4,610,252	09/09/1986	Catalano
	24	4,665,906	05/19/1987	Jervis
	25	4,724,840	02/16/1988	McVay et al
	26	4,738,658	04/19/1988	Magro et al.

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Form PTO-1449 Sheet 3 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1
Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

Examiner <u>Initial</u> *		Document <u>Number</u>	<u>Date</u>	Name
	27	4,744,364	05/17/1988	Kensey
	28	4,771,782	09/20/1988	Millar
	29	4,789,090	12/06/1988	Blake, III
	30	4,832,688	05/23/1989	Sagae et al.
	31	4,836,204	06/06/1989	Landymore et al.
	32	4,852,568	08/01/1989	Kensey
	33	4,874,122	10/17/1989	Froelich et al.
	34	4,878,915	11/07/1989	Brantigan
	35	4,887,601	12/19/1989	Richards
	36	4,934,364	06/19/1990	Green
	37	5,015,247	05/14/1991	Michelson
	38	5,021,059	06/04/1991	Kensey et al.
	39	5,061,274	10/29/1991	Kensey
	40	5,100,418	03/31/1992	Yoon et al.

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Form PTO-1449 Sheet 4 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1
Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

Examiner <u>Initial</u> *		Document <u>Number</u>	<u>Date</u>	<u>Name</u>
	41	5,108,421	04/28/1992	Fowler
	42	5,114,032	05/19/1992	Laidlaw
	43	5,114,065	05/19/1992	Storace
	44	5,131,379	07/21/1992	Sewell, Jr.
	45	5,147,381	09/15/1992	Heimerl et al.
	46	5,167,634	12/01/1992	Corrigan, Jr. et al.
	47	5,171,249	12/15/1992	Stefanchik et al.
	48	5,192,300	03/09/1993	Fowler
	49	5,192,301	03/09/1993	Kamiya et al.
	50	5,209,756	05/11/1993	Seedhorm et al.
	51	5,243,857	02/28/1995	Velez
	52	5,246,156	09/21/1993	Rothfuss et al.
	53	5,246,443	09/21/1993	Mai
	54	5,290,243	03/01/1994	Chodorow et al.

Examiner: /Dianne Dornbusch/

Date Considered:

03/25/2008

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Form PTO-1449 Sheet 5 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1
Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

Examiner <u>Initial</u> *		Document <u>Number</u>	<u>Date</u>	<u>Name</u>
	55	5,290,310	03/01/1994	Makower et al.
	56	5,292,309	03/08/1994	Van Tassel et al.
	57	5,292,332	03/08/1994	Lee
	58	5,306,254	04/26/1994	Nash et al.
	59	5,320,639	06/14/1994	Rudnick
	60	5,334,216	08/02/1994	Vidal et al.
	61	5,350,399	09/27/1994	Erlebacher et al.
	62	5,352,229	10/04/1994	Goble et al.
	63	5,366,479	11/22/1994	McGarry et al.
	64	5,392,978	02/28/1995	Valez et al.
	65	5,395,030	03/07/1995	Kuramoto et al.
	66	5,411,520	05/02/1995	Nash et al.
	67	5,413,571	05/09/1995	Katsaros et al.
	68	5,413,584	05/09/1995	Schulze

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Form PTO-1449 Sheet 6 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1
Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

Examiner <u>Initial</u> *		Document <u>Number</u>	<u>Date</u>	<u>Name</u>
	69	5,416,584	05/16/1995	Kay
	70	5,417,699	05/23/1995	Klein et al.
	71	5,423,857	06/13/1995	Rosenman et al.
	72	5,431,639	07/11/1995	Shaw
	73	5,443,481	08/22/1995	Lee
	74	5,456,400	10/10/1995	Shichman et al.
	75	5,470,010	11/28/1995	Rothfuss et al.
	76	5,474,557	12/12/1995	Mai
	77	5,478,352	12/26/1995	Fowler
	78	5,478,353	07/18/1994	Yoon et al.
	79	5,486,195	01/23/1996	Myers et al.
	80	5,507,755	04/16/1996	Gresl et al.
	81	5,522,840	06/04/1996	Krajicek
	82	5,536,251	07/16/1996	Evard et al.

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Form PTO-1449 Sheet 7 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1
Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

Examiner <u>Initial</u> *		Document <u>Number</u>	<u>Date</u>	<u>Name</u>
	83	5,544,802	08/13/1996	Crainich
	84	5,560,532	10/01/1996	DeFonzo et al.
	85	5,591,205	01/07/1997	Fowler
	86	5,601,602	02/11/1997	Fowler
	87	5,620,461	04/15/1997	Muijs et al.
	88	5,643,318	07/01/1997	Tsukernik et al.
	89	5,645,565	07/08/1997	Rudd et al.
	90	5,645,566	07/08/1997	Brenneman et al.
	91	5,645,567	07/08/1997	Crainich
	92	5,676,689	10/14/1997	Kensey et al.
	93	5,676,974	10/14/1997	Valdes et al.
	94	5,690,674	11/25/1997	Diaz
	95	5,695,504	12/09/1997	Gifford, III et al.
	96	5,716,375	02/10/1998	Fowler

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Form PTO-1449 Sheet 8 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1
Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

Examiner <u>Initial</u> *		Document <u>Number</u>	<u>Date</u>	<u>Name</u>
	97	5,725,554	03/10/1998	Simon et al.
	98	5,728,114	03/17/1998	Evans et al.
	99	5,728,122	03/17/1998	Leschinsky et al.
	100	5,728,132	03/17/1998	Van Tassel et al.
	101	5,732,872	03/31/1998	Bolduc et al.
	102	5,810,776	09/22/1998	Bacich et al.
	103	5,855,312	01/05/1999	Toledano
	104	5,861,005	01/19/1999	Kontos
	105	5,871,474	02/16/1999	Hermann et al.
	106	5,871,501	02/16/1999	Leschinsky et al.
	107	5,871,525	02/16/1999	Edwards et al.
	108	5,902,310	05/11/1999	Foerster et al.
	109	5,904,697	05/18/1999	Gifford, III et al.
	110	5,935,147	08/10/1999	Kensey et al.

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Form PTO-1449 Sheet 9 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1
Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

Examiner <u>Initial</u> *		Document <u>Number</u>	<u>Date</u>	<u>Name</u>
	111	5,941,890	08/24/1999	Voegele et al.
	112	5,984,949	11/16/1999	Levin
	113	5,993,468	11/30/1999	Rygaard
	114	6,004,341	12/21/1999	Zhu et al.
	115	6,022,372	02/08/2000	Kontos
	116	6,030,364	02/29/2000	Durgin et al.
	117	6,048,358	04/11/2000	Barak
	118	6,056,768	05/02/2000	Cates et al.
	119	6,090,130	07/18/2000	Nash et al.
	120	6,110,184	08/29/2000	Weadock
	121	6,117,148	09/12/2000	Ravo
	122	6,149,660	11/21/2000	Laufer et al.
	123	6,149,667	11/21/2000	Hovland et al.
	124	6,152,937	11/28/2000	Peterson et al.

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Form PTO-1449 Sheet 10 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1
Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

Examiner <u>Initial</u> *		Document <u>Number</u>	<u>Date</u>	<u>Name</u>
	125	6,197,042	03/06/2001	Ginn et al.
	126	6,277,140	08/21/2001	Ginn et al.
	127	6,287,322	09/11/2001	Zhu et al.
	128	6,305,891	10/23/2001	Burlingame
	129	6,322,580	11/27/2001	Kanner
	130	6,334,865	01/01/2002	Redmond et al.
	131	6,348,064	02/19/2002	Kanner
	132	6,391,048	05/21/2002	Ginn et al.
	133	6,398,752	06/04/2002	Sweezer et al.
	134	6,402,765	06/11/2002	Monassevitch et al.
	135	6,409,739	06/25/2002	Nobles et al.
	136	6,428,548	08/06/2002	Durgin et al.
	137	6,443,158	09/03/2002	Lafontaine et al.
	138	6,450,391	09/17/2002	Kayan et al.

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Form PTO-1449 Sheet 11 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1
Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

Examiner <u>Initial</u> *		Document <u>Number</u>	<u>Date</u>	<u>Name</u>
	139	6,488,692	12/03/2002	Spence et al.
	140	6,506,210	01/14/2003	Kanner
	141	6,533,762	03/18/2003	Kanner et al.
	142	6,547,806	04/15/2003	Ding
	143	6,582,452	06/24/2003	Coleman et al.
	144	6,602,263	08/05/2003	Swanson et al.
	145	6,616,686	09/09/2003	Coleman et al.
	146	6,623,510	09/23/2003	Carley et al.
	147	6,626,918	09/30/2003	Ginn et al.
	148	6,632,238	10/14/2003	Ginn et al.
	149	6,634,537	10/21/2003	Chen
	150	6,645,205	11/11/2003	Ginn
	151	6,652,538	11/25/2003	Kayan et al.
	152	6,669,714	12/30/2003	Coleman et al.

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Form PTO-1449 Sheet 12 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1
Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

Examiner <u>Initial</u> *		Document <u>Number</u>	<u>Date</u>	<u>Name</u>
	153	6,679,904	01/20/2004	Gleeson et al.
	154	6,695,867	02/24/2004	Ginn et al.
	155	6,719,777	04/13/2004	Ginn et al.
	156	6,726,704	04/27/2004	Loshakove et al.
	157	6,749,621	06/15/2004	Pantages et al.
	158	6,755,842	06/29/2004	Kanner et al.
	159	6,767,356	07/27/2004	Kanner et al.
	160	6,780,197	02/21/2002	Carley et al.
	161	6,926,731	08/09/2005	Coleman et al.
	162	6,942,674	09/13/2005	Belef et al.
	163	7,001,398	02/21/2006	Carley et al.
	164	7,108,709	09/19/2006	Cummins
	165	7,111,768	09/26/2006	Cummins et al.
	166	7,163,551	01/16/2007	Anthony et al.

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Form PTO-1449 Sheet 13 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1
Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

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	167	7,211,101	05/01/2007	Carley et al
	168	RE 34,866	02/21/1995	Kensey et al.
	169	2001/0007077	07/05/2001	Ginn et al.
	170	2001/0031972	10/18/2001	Robertson et al.
	171	2001/0047180	11/29/2001	Grudem et al.
	172	2002/0026208	02/28/2002	Belef
	173	2002/0026215	02/28/2002	Redmond et al.
	174	2002/0049427	04/25/2002	Wiener et al.
	175	2002/0049472	04/25/2002	Coleman et al.
	176	2002/0072768	06/13/2002	Ginn
	177	2002/0077657	06/20/2002	Ginn et al.
	178	2002/0082641	06/27/2002	Ginn et al.
	179	2002/0107542	08/08/2002	Kanner et al.
	180	2002/0133193	09/19/2002	Ginn et al.

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Form PTO-1449 Sheet 14 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1
Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

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	181	2002/0151921	10/17/2002	Kanner et al.
	182	2002/0193808	12/19/2002	Belef et al.
	183	2003/0004543	01/02/2003	Gleeson et al.
	184	2003/0078598	04/24/2003	Ginn et al.
	185	2003/0097140	05/22/2003	Kanner
	186	2003/0109890	06/12/2003	Kanner et al.
	187	2003/0125766	07/03/2003	Ding
	188	2003/0158577	08/21/2003	Pantages et al.
	189	2003/0158578	08/21/2003	Pantages et al.
	190	2003/0195561	10/16/2003	Carley et al.
	191	2004/0009289	01/15/2004	Carley et al.
	192	2004/0010285	01/15/2004	Carley et al.
	193	2004/0039414	02/26/2004	Carley et al.
	194	2004/0073236	04/15/2004	Carley et al.

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Form PTO-1449 Sheet 15 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1
Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

Examiner <u>Initial</u> *		Document <u>Number</u>	<u>Date</u>	<u>Name</u>
	195	2004/0087985	05/06/2004	Loshakove et al.
	196	2004/0153122	08/05/2004	Palermo
	197	2004/0153123	08/05/2004	Palermo et al.
	198	2004/0167570	08/26/2004	Pantages
	199	2004/0254591	12/16/2004	Kanner et al.
	200	2004/0267312	12/30/2004	Kanner et al.
	201	2005/0090859	04/28/2005	Ravlkumar
	202	2005/0119695	06/02/2005	Carley et al.
	203	2005/0216057	09/29/2005	Coleman et al.
	204	2005/0267530	12/01/2005	Cummins et al.
	205	2005/0273136	12/08/2005	Belef et al.
	206	2005/0274768	12/15/2005	Cummins et al.
	207	2006/0020270	01/26/2006	Jabba et al.
	208	2006/0135989	06/22/2006	Carley et al.

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EFS-Web Receipt date: 10/09/2007 10682459 - GAU: 3773

VIA eFILE

Form PTO-1449 Sheet 16 of 32

Applicant: Confirmation No.: 1645 Richard S. Ginn, et al. Att'y Docket No.: 16497.3.1 Serial No.: 10/682,459 Art Unit: 3731

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING A CLOSURE DEVICE

Examiner <u>Initial</u> *		Document <u>Number</u>	<u>Date</u>	<u>Name</u>
	209	2006/0144479	07/06/2006	Carley et al.
	210	2006/0167484	07/27/2006	Carley et al.
	211	2006/0190014	08/24/2006	Ginn et al.
	212	2006/0190037	08/24/2006	Carley et al.
	213	2006/0190038	08/24/2006	Carley et al.
	214	2006/0195123	08/31/2006	Ginn et al.
	215	2006/0195124	08/31/2006	Ginn et al.
	216	2006/0287674	12/21/2006	Ginn et al.
	217	2007/0010854	01/11/2007	Cummins et al.

03/25/2008 /Dianne Dornbusch/ Date Considered: Examiner:

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EFS-Web Receipt date: 10/09/2007 10682459 - GAU: 3773

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Form PTO-1449 Sheet 17 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645 Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1

Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

U.S. Patent Applications

Examiner <u>Initial</u> *		Document <u>Number</u>	Filed Date
	218	09/866,551	05/25/2001
	219	11/396,141	03/31/2006
	220	11/675,462	02/15/2007
	221	11/744,089	05/03/2007

Foreign Patent Documents

Examiner <u>Initial</u> *		Document <u>Number</u>	Publication Date	Country or Patent Office
	222	CA 2 339 060	02/17/2000	Canada
	223	DE 197 11 288	01/10/1998	Germany
	224	DE 297 23 736 U 1	04/01/1999	Germany
	225	EP 0 386 361	09/12/1990	EPO
	226	EP 0 534 696	03/31/1993	EPO

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Form PTO-1449 Sheet 18 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1
Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

Examiner <u>Initial</u> *		Document <u>Number</u>	Publication Date	Country or Patent Office
	227	EP 0 756 851	02/05/1997	EPO
	228	EP 0 774 237	05/21/1997	EPO
	229	EP 0 858 776	08/19/1998	EPO
	230	EP 0 941 697	09/15/1999	EPO
	231	FR 2 443 238	07/04/1980	France
	232	FR 2 722 975	02/02/1996	France
	233	GB 1 358 466	07/03/1974	Great Britain
	234	GB 2 075 144	11/11/1981	Great Britain
	235	NL 9302140	07/03/1995	Netherlands
	236	S 2000/0722	10/04/2001	Ireland
	237	S 2000/0724	10/04/2001	Ireland
	238	S 2001/0547	07/10/2002	Ireland
	239	S 2001/0748	08/28/2002	Ireland
	240	S 2001/0749	08/28/2002	Ireland

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Form PTO-1449 Sheet 19 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1
Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

Examiner <u>Initial</u> *		Document <u>Number</u>	Publication Date	Country or Patent Office
	241	S 2001/0815	07/10/2002	Ireland
	242	S 2002/0451	07/03/2003	Ireland
	243	S 2002/0452	12/30/2002	Ireland
	244	S 2002/0552	07/18/2003	Ireland
	245	S 2002/0664	02/19/2003	Ireland
	246	S 2002/0665	02/19/2003	Ireland
	247	S 2003/0424	12/10/2003	Ireland
	248	S 2003/0490	01/14/2004	Ireland
	249	S 2004/0368	11/30/2005	Ireland
	250	S 2005/0342	11/30/2005	Ireland
	251	WO 96/24291	08/15/1996	PCT
	252	WO 97/07741	03/06/1997	PCT
	253	WO 98/06448	02/19/1998	PCT
	254	WO 98/17179	04/30/1998	PCT

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Form PTO-1449 Sheet 20 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1
Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

Examiner <u>Initial</u> *		Document <u>Number</u>	Publication Date	Country or Patent Office
	255	WO 98/25508	06/18/1998	PCT
	256	WO 99/62408	12/09/1999	PCT
	257	WO 00/06029	02/10/2000	PCT
	258	WO 00/56223	09/28/2000	PCT
	259	WO 00/56228	09/28/2000	PCT
	260	WO 00/71032	11/30/2000	PCT
	261	WO 01/35832	05/25/2001	PCT
	262	WO 01/49186	07/12/2001	PCT
	263	WO 01/91628	12/06/2001	PCT
	264	WO 02/19915	03/14/2002	PCT
	265	WO 02/19920	03/14/2002	PCT
	266	WO 02/19922	03/14/2002	PCT
	267	WO 02/19924	03/14/2002	PCT
	268	WO 02/45593	06/13/2002	PCT

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Form PTO-1449 Sheet 21 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1
Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

Examiner <u>Initial</u> *		Document <u>Number</u>	Publication Date	Country or Patent Office
	269	WO 02/45594	06/13/2002	PCT
	270	WO 02/98302	12/12/2002	PCT
	271	WO 03/101310	12/11/2003	PCT
	272	WO 03/13363	02/20/2003	PCT
	273	WO 03/13364	02/20/2003	PCT
	274	WO 03/47434	06/12/2003	PCT
	275	WO 03/71955	09/04/2003	PCT
	276	WO 03/71956	09/04/2003	PCT
	277	WO 03/71957	01/15/2004	PCT
	278	WO 04/04578	01/15/2004	PCT
	279	WO 04/60169	07/22/2004	PCT
	280	WO 04/69054	08/19/2004	PCT
	281	WO 05/115521	12/08/2005	PCT
	282	WO 05/82256	09/09/2005	PCT

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Form PTO-1449 Sheet 22 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1

Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

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A CLOSURE DEVICE

284

Examiner <u>Initial</u> *		Document <u>Number</u>	Publication Date	Country or Patent Office
	283	WO 06/83889	08/10/2006	PCT

South

Africa

01/18/2001

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Form PTO-1449 Sheet 23 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645 Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1

Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING A CLOSURE DEVICE

Other Documents

(including author, title, pertinent pages, etc.)

Examiner Initial*

285

Database WPI; Section PQ, Week 200120; Derwent Publications Ltd., London GB; Class P31, AN 2001-203165; XP002199926 & ZA 200 100 528 A (ANTHONY T), 28 February

2001 (2001-02-28) abstract.

Issue Notifications, Notices of Allowance, and Office Actions

Examiner <u>Initial</u> *		Patent or Serial <u>Number</u>	Document	Mail Date
	286	2002/0072768	Office Action	08/27/2004
	287	2002/0072768	Office Action	02/23/2005
	288	2002/0072768	Office Action	04/11/2005
	289	2002/0072768	Office Action	07/27/2005
	290	2002/0072768	Office Action	03/06/2006
	291	2002/0072768	Office Action	05/24/2006
	292	2002/0072768	Office Action	10/26/2006
	293	2002/0072768	Office Action	04/19/2007

Examiner: Date Considered: 03/25/2008

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Form PTO-1449 Sheet 24 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1
Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

or: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Examiner <u>Initial</u> *		Patent or Serial Number	<u>Document</u>	<u>Mail Date</u>
	294	2002/0133193	Office Action	11/04/2004
	295	2002/0133193	Office Action	05/04/2005
	296	2002/0133193	Office Action	10/18/2005
	297	2002/0133193	Notice of Allowance	04/18/2007
	298	2002/0133193	Notice of Allowance	09/27/2007
	299	2003/0078598	Office Action	02/09/2005
	300	2003/0078598	Office Action	05/26/2005
	301	2003/0078598	Office Action	10/04/2005
	302	2003/0078598	Notice of Allowance	05/10/2006
	303	2003/0078598	Notice of Allowance	07/02/2007
	304	2003/0195561	Office Action	06/10/2004
	305	2003/0195561	Notice of Allowance	09/21/2004
	306	2003/0195561	Office Action	01/03/2006
	307	2003/0195561	Issue Notification	02/15/2006

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Form PTO-1449 Sheet 25 of 32

Applicant: Confirmation No.: 1645 Richard S. Ginn, et al. Att'y Docket No.: 16497.3.1 Serial No.: 10/682,459 Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

Examiner <u>Initial</u> *		Patent or Serial <u>Number</u>	<u>Document</u>	Mail Date
	308	2003/0195561	Office Action	05/16/2006
	309	2003/0195561	Notice of Allowance	12/28/2006
	310	2003/0195561	Notice of Allowance	07/10/2007
	311	2003/0195561	Notice of Allowance	08/02/2007
	312	2004/0153123	Office Action	09/22/2006
	313	2004/0153123	Office Action	01/31/2007
	314	2004/0153123	Office Action	09/18/2007
	315	2004/0153122	Office Action	11/30/2005
	316	2004/0153122	Office Action	08/23/2006
	317	2004/0153122	Office Action	02/13/2007
	318	2004/0153122	Office Action	09/12/2007
	319	2004/0073236	Office Action	09/19/2006
	320	2004/0073236	Office Action	05/02/2007
	321	2004/0009289	Office Action	06/30/2006

Date Considered: Examiner: /Dianne Dornbusch/ 03/25/2008

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Form PTO-1449 Sheet 26 of 32

Applicant: Confirmation No.: 1645 Richard S. Ginn, et al. Att'y Docket No.: 16497.3.1 Serial No.: 10/682,459 Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

Examiner <u>Initial</u> *		Patent or Serial <u>Number</u>	<u>Document</u>	Mail Date
	322	2004/0009289	Office Action	10/20/2006
	323	2004/0009289	Office Action	05/29/2007
	324	2004/0167570	Office Action	10/30/2006
	325	2004/0167570	Office Action	04/17/2007
	326	2004/0167570	Office Action	08/31/2007
	327	2005/0274768	Office Action	10/19/2006
	328	2005/0274768	Office Action	08/10/2007
	329	2005/0216057	Office Action	02/06/2007
	330	2005/0216057	Office Action	05/30/2007
	331	2005/0234508	Office Action	08/13/2007
	332	2006/0135989	Office Action	11/30/2006
	333	2006/0135989	Office Action	09/05/2007
	334	2006/0195124	Office Action	06/06/2007
	335	2006/0195123	Office Action	05/14/2007

/Dianne Dornbusch/ Examiner: Date Considered: 03/25/2008

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Form PTO-1449 Sheet 27 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459
Att'y Docket No.: 16497.3.1
Filing Date: October 08, 2003
Art Unit: 3731

Filing Date: October 08, 2003
For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

for: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Examiner <u>Initial</u> *		Patent or Serial Number	<u>Document</u>	Mail Date
	336	6,197,042	Notice of Allowance	11/06/2000
	337	6,197,042	Issue Notification	02/15/2001
	338	6,277,140	Office Action	03/26/2001
	339	6,277,140	Notice of Allowance	06/04/2001
	340	6,277,140	Issue Notification	08/06/2001
	341	6,391,048	Notice of Allowance	03/26/2001
	342	6,391,048	Office Action	09/05/2001
	343	6,391,048	Notice of Allowance	02/11/2002
	344	6,391,048	Issue Notification	05/03/2002
	345	6,461,364	Notice of Allowance	05/06/2002
	346	6,461,364	Issue Notification	09/19/2002
	347	6,582,452	Notice of Allowance	01/31/2003
	348	6,582,452	Issue Notification	06/05/2003
	349	6,616,686	Office Action	12/17/2002

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Form PTO-1449 Sheet 28 of 32

Applicant: Confirmation No.: 1645 Richard S. Ginn, et al. Att'y Docket No.: 16497.3.1 Serial No.: 10/682,459 Art Unit: 3731

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING A CLOSURE DEVICE

Examiner <u>Initial</u> *		Patent or Serial Number	<u>Document</u>	Mail Date
	350	6,616,686	Notice of Allowance	04/21/2003
	351	6,616,686	Issue Notification	08/21/2003
	352	6,623,510	Notice of Allowance	04/11/2003
	353	6,623,510	Office Action	06/09/2003
	354	6,623,510	Issue Notification	09/04/2003
	355	6,632,238	Office Action	02/26/2003
	356	6,632,238	Notice of Allowance	06/16/2003
	357	6,632,238	Issue Notification	09/25/2003
	358	6,669,714	Office Action	03/04/2003
	359	6,669,714	Notice of Allowance	07/28/2003
	360	6,669,714	Issue Notification	12/11/2003
	361	6,695,867	Notice of Allowance	09/29/2003
	362	6,695,867	Issue Notification	02/05/2004
	363	6,719,777	Office Action	02/20/1987

Date Considered: Examiner: /Dianne Dornbusch/ 03/25/2008

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Form PTO-1449 Sheet 29 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1
Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

Examiner <u>Initial</u> *		Patent or Serial Number	<u>Document</u>	Mail Date
	364	6,719,777	Notice of Allowance	07/24/1987
	365	6,719,777	Issue Notification	03/25/2004
	366	6,749,621	Notice of Allowance	02/09/2004
	367	6,749,621	Office Action	04/13/2004
	368	6,749,621	Issue Notification	05/27/2004
	369	6,780,197	Office Action	09/11/2003
	370	6,780,197	Office Action	02/09/2004
	371	6,780,197	Notice of Allowance	03/17/2004
	372	6,780,197	Issue Notification	08/05/2004
	373	6,926,731	Office Action	11/16/2004
	374	6,926,731	Notice of Allowance	04/06/2005
	375	6,926,731	Issue Notification	07/20/2005
	376	6,942,674	Office Action	09/29/2004
	377	6,942,674	Notice of Allowance	05/13/2005

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Form PTO-1449 Sheet 30 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645
Serial No.: 10/682,459
Att'y Docket No.: 16497.3.1
Filing Date: October 08, 2003
Art Unit: 3731

Filing Date: October 08, 2003
For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING A CLOSURE DEVICE

Examiner <u>Initial</u> *		Patent or Serial Number	<u>Document</u>	Mail Date
	378	6,942,674	Issue Notification	08/24/2005
	379	7,001,398	Office Action	03/22/2005
	380	7,001,398	Notice of Allowance	07/06/2005
	381	7,001,398	Notice of Allowance	10/05/2005
	382	7,001,398	Issue Notification	02/21/2006
	383	7,008,435	Office Action	04/20/2005
	384	7,008,435	Office Action	08/10/2005
	385	7,008,435	Notice of Allowance	10/18/2005
	386	7,008,435	Issue Notification	02/15/2006
	387	7,108,709	Office Action	07/27/2004
	388	7,108,709	Office Action	12/17/2004
	389	7,108,709	Notice of Allowance	03/09/2005
	390	7,108,709	Office Action	08/11/2006
	391	7,108,709	Issue Notification	08/30/2006

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Form PTO-1449 Sheet 31 of 32

Applicant: Confirmation No.: 1645 Richard S. Ginn, et al. Att'y Docket No.: 16497.3.1 Serial No.: 10/682,459 Filing Date: October 08, 2003 Art Unit: 3731

PLUNGER APPARATUS AND METHODS FOR DELIVERING

For: A CLOSURE DEVICE

Examiner <u>Initial</u> *		Patent or Serial <u>Number</u>	<u>Document</u>	Mail Date
	392	7,111,768	Office Action	02/23/2006
	393	7,111,768	Notice of Allowance	05/31/2006
	394	7,111,768	Issue Notification	09/06/2006
	395	7,163,551	Office Action	01/10/2006
	396	7,163,551	Notice of Allowance	09/20/2006
	397	7,163,551	Issue Notification	12/27/2006
	398	7,211,101	Office Action	08/10/2005
	399	7,211,101	Office Action	12/19/2005
	400	7,211,101	Office Action	04/21/2006
	401	7,211,101	Notice of Allowance	12/27/2006
	402	7,211,101	Issue Notification	04/11/2007

03/25/2008 Date Considered: Examiner: /Dianne Dornbusch/

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Form PNO-1449 Sheet/32 of 32

Applicant: Richard S. Ginn, et al. Confirmation No.: 1645 Serial No.: 10/682,459 Att'y Docket No.: 16497.3.1

Filing Date: October 08, 2003 Art Unit: 3731

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING

A CLOSURE DEVICE

References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the ext communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

Examiner:

Date Considered:

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